

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
18 November 2004 (18.11.2004)

PCT

(10) International Publication Number
WO 2004/098320 A1

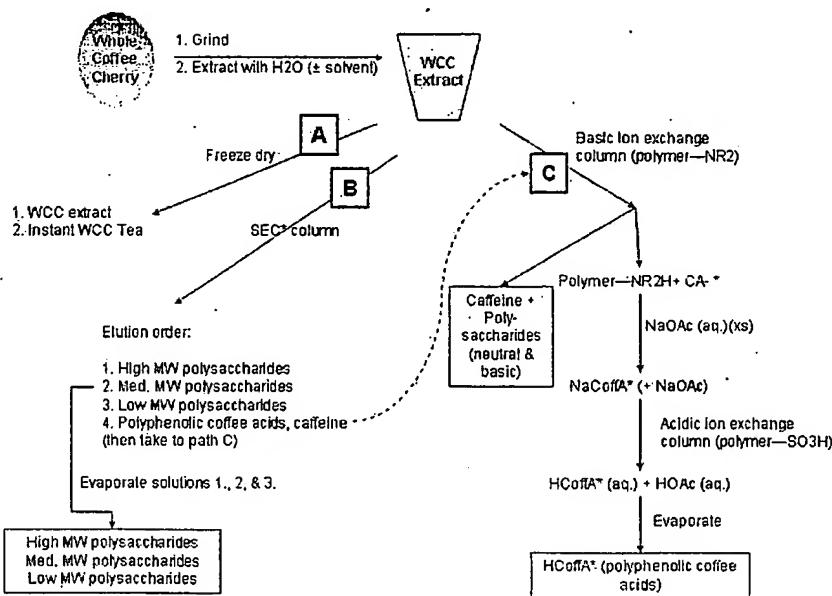
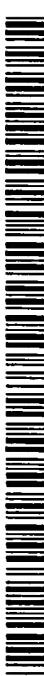
- (51) International Patent Classification⁷: **A23L 1/28**, 2/00, A61K 7/42
- (21) International Application Number: **PCT/US2003/011951**
- (22) International Filing Date: 16 April 2003 (16.04.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (*for all designated States except US*): VDF FUTURECEUTICALS [US/US]; 300 West 6th Street, Mokena, IL 60954-0009 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): MILJKOVIC, Dusan [YU/US]; VDF Futureceuticals, 4655 Ramsay Avenue, San Diego, CA 92122 (US). DUELL, Brad [US/US]; VDF Futureceuticals, 1441 Santa Lucia Rd. #1134, Chula Vista, CA 91913 (US). MILJKOVIC, Vukosava [YU/US]; VDF Futureceuticals, 4655 Ramsay Avenue, San Diego, CA 92122 (US).
- (74) Agents: RUTAN & TUCKER LLP et al.; 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: METHODS FOR COFFEE CHERRY PRODUCTS



WO 2004/098320 A1

- (57) Abstract: Methods are provided for isolating a nutrient from coffee cherries or for producing a food product that comprises a coffee cherry or portion thereof (Figure 3). It is particularly preferred that coffee cherries will have an extremely low concentration of mycotoxins, including various aflatoxins, fumonisins, ochratoxins, and/or vomitoxin (DON, deoxynivalenol).



— *with amended claims*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.